CONFIDENTIAL

SITE INSPECTION
WORK PLAN

for:

LaSalle Rail Yard
ILP000510177
LPC 0993035026

PREPARED BY:
Jerry Willman

OFFICE OF SITE EVALUATION
DIVISION OF REMEDIATION MANAGEMENT
BUREAU OF LAND

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1021 NORTH GRAND AVENUE E.
SPRINGFIELD, ILLINOIS 62794-9276

Regional EPA Approval: Erica Isles Erica Isles 4/16/09

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CONTENTS

I. SITE INFORMATION

A. GENERAL

Site Name: **LaSalle Rail Yard**
ILP000510177, LPC 0993035026

Site Location: **LaSalle, Illinois**

Work plan prepared by: Jerry Willman

Work plan approved by: _____

Estimated date of inspection: **April 20 through April 23, 2006**

B. THE ASSIGNMENT (briefly describe the objectives of the inspection and how they are going to be accomplished.)

The primary objective of a Site Inspection is to gather necessary information needed to evaluate the extent that a site presents a threat to human health and/or the environment. Samples of waste and environmental media will be collected and analyzed to determine whether hazardous substances are present at the site and are migrating to the surrounding environment. At the conclusion of the Site Inspection, a determination will be made whether the site qualifies for additional evaluation under Superfund or should be dropped from further Superfund consideration. Additionally, data generated through the Site Inspection will support removal and enforcement or other response actions.

The Site Inspection is not intended to be a detailed evaluation of contamination or risk assessment. If the evaluation of the site indicates that the site qualifies for additional Superfund evaluation, an Expanded Site Inspection may be conducted. In some cases an Expanded Site Inspection will be conducted to address critical hypotheses or assumptions that were not completely supported during the SI. The SI is performed under the authority of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) commonly known as Superfund.

C. SITE DESCRIPTION (briefly describe the site, including location, unique geological features, source(s) of contamination, methods of disposal and current status of activities.)

The LaSalle Rail Yard site, is located in the southeast portion of LaSalle, Illinois in Section 14, Township 33 North, Range 1 East within LaSalle County (Illinois EPA, Pre-CERCLIS). The site is approximately 11 acres used as a rail yard by the Illinois Central

Railroad and located on top of a bluff above the I & M Canal and Illinois River that was (Illinois EPA, GIS).

The rail yard is currently divided into approximately four separate parcels. The City of LaSalle owns the largest parcel making up the north and northwest portion of the rail yard, which houses their Water Department and treatment operations. Two parcels making up the south and southeast portions of the rail yard are zoned "commercial" and are privately owned. Ownership of the fourth parcel which comprises the eastern portions of the rail yard is somewhat in question, and information from the Tax Assessors Office indicates that it is owned by either Carus Chemical or the Railroad. (LaSalle County)

The rail yard is approximately 0.5 miles south of the Matthiessen and Hegeler Zinc Company Superfund Site and the Carus Chemical Company. The Illinois Cement Company is located less than 0.25 miles to the east of the rail yard and the I & M Canal is located less than 0.1 miles to the south of the rail yard. An estimated ten (10) residential properties can be found west of the rail yard, beyond Union Street. An additional five (5) residential properties are located to the southeast of the property beyond Buck Street. (Illinois EPA, Pre-CERCLIS)

The rail yard is generally vegetated and its exposed surface consists of mostly slag, cinders, and coal. There is a slight slope of the rail yard toward the south that would facilitate the flow of surface water run-off toward the I & M Canal. The rail yard is elevated approximately 30 feet above the canal. (Illinois EPA, Pre-CERCLIS)

D. SITE HISTORY

In 1851, planning began for the Illinois Central Railroad to pass through the current location of the rail yard. Prior to 1851, Illinois Central had a line that passed through town (heading north and south) near Bucklin Street. The Illinois Central Bridge was completed in 1854. The Illinois Central Railroad crossed the bridge which spanned the Illinois River and landed at the south end of the rail yard atop the bluff. (City)

Construction began on the Matthiessen and Hegeler Zinc Company in 1858 and the company already had agreements in place with Illinois Central Rail Road regarding real estate and transportation issues. Matthiessen and Hegeler used the railroad in the area (including those traveling through the rail yard) to transport coal and zinc ore for its business (Illinois EPA, Preliminary Assessment). However, based on legal agreements from the era, it appears that the majority of the ore entered the facility without passing through the rail yard (Illinois EPA, Preliminary Assessment). Matthiessen & Hegeler products were also shipped through the rail yard, though probably not exclusively (Matthiessen & Hegeler Company, RC 167, Series II).

A LaSalle County map of the area dated 1876 shows that the rail yard was well-established with switching tracks, freight house, and depot (Warner & Beers). The basic track layout in the rail yard shown in 1876 remained similar until at least 1983 (Warner &

Beers; Dept. of Interior). In addition to Matthiessen and Hegeler, other local industries shipped materials through Illinois Central's rail yard, including the LaSalle County Carbon Coal Company.

In 1926, Illinois Central agreed to allow Matthiessen & Hegeler to dump its ashes along the railroad north of the Matthiessen & Hegeler facility. The language of the agreement also allowed dumping towards the south on a 256-acre parcel near the "Kentucky Shaft" and "extending south as necessary". (Matthiessen & Hegeler Company, RC 167, Series VIII)

Railroads continued to be a primary mode of transport for freight in the mid-1900's but by the 1970's the railroads experienced a "serious financial decline" (U.S. GAO). Currently, the only tracks that remain in the rail yard are associated with a spur line for the Lone Star Cement Company who owns the right-of-way in LaSalle (City). In 1986, the old Illinois Central freight house started on fire, and soon thereafter, the city of LaSalle proceeded to demolish the remaining structures in the rail yard (City). In 1991, the city of LaSalle purchased the portion of the rail yard west of the main line and built the city's new water treatment plant and a salt dome on the property (City). It is unclear as to whether Carus Chemical or a successor to Illinois Central Railroad owns the eastern portions of the rail yard (LaSalle County).

II. SAFETY CONSIDERATIONS

A. PHYSICAL HAZARDS

Soil and Sediment samples will be collected throughout the investigative areas from the abandoned rail yard and surrounding properties. Some portions of the investigative area contain steep sloping hills and ravines. Caution will be used when descending hills and ravines into the creek beds during sample collection. Automobile traffic in areas surrounding the site may pose a hazard although traffic is expected to be minimal. Residential soil samples will typically be collected between 0 and 1 foot below ground surface but underground utilities still pose a risk. Locate requests will be considered for certain circumstances.

B. CHEMICAL HAZARDS AT SITE **(briefly identify those chemicals that are known or are suspected to be present, include their state and physical characteristics).**

Heavy metals are the contaminants of concern at this site and the potential exists for exposure to these materials during sample collection. If dry conditions exist, the contaminants may be suspended during high winds. Extreme care will be used to minimize this risk if those conditions are present.

C. DERMAL AND RESPIRATORY PROTECTION (identify the level of personal protection that will be used, including anticipated modifications).

Level D protection will be used at all times. Sample locations with depths greater than six inches below ground surface will be monitored during the sample collection using a PPb-Rae. If an increase occurs, the following will be implemented:

Instrument Reading	Action
0-5 units over background	Level C
5-50 units over background	Level B
50-500 units over background	Level A, Office of Site Evaluation will vacate the area and contact the IEPA, Health and Safety Unit and re-evaluate the situation.

In addition to air monitoring, soil moisture will be monitored. If dry conditions exist the soil and/or tailings material may have the ability to become airborne. In order to filter the particulates Level C protection may be used.

D. EMERGENCY INFORMATION

Fire Service:	LaSalle Fire Department 815-223-0834
Police:	LaSalle Police Department 815-223-2131
Hospital:	Illinois Valley Community Hospital 815-285-6634
Ambulance:	Ambulance Central Dispatch 815-223-4444
Overall Emergency Number:	911

Illustrated below is the location to Illinois Valley Community Hospital

Directions from A to B:

START	1: Start out going WEST on 1ST ST toward UNION ST.	0.5 mi	Map
	2: Turn RIGHT onto N JOLIET ST/IL-351.	0.2 mi	Map | Avoid
	3: Turn LEFT onto 3RD ST/US-6. Continue to follow US-6.	1.6 mi	Map | Avoid
	4: Turn RIGHT onto WEST ST.	0.1 mi	Map | Avoid
END	5: End at 925 West St Peru, IL 61354-2757		Map

Estimated Time: 8 minutes Estimated Distance: 2.35 miles

925 West St
Peru, IL 61354-2757
Search Nearby | Zoom to Street | Send to Cell | Send to OnStar

Local Information »
See local events, movies, news & more.

Edit | Remove ✖
Move Up ▲ | Move Down ▼

III. FIELD ACTIVITIES

A. TEAM ASSIGNMENTS

Name	Responsibility
Jerry Willman	Project Manager
Ken Corkill	Sampler
Tony Wasilewski	Sampler
Scott Hicks	Chain of Custody

B. FIELD WORK PROPOSED

All work conducted over the course of this CERCLA investigation will be performed in accordance with the Bureau Of Land, Sampling Procedures Guidance Manual, dated September 1996.

(check all that apply)

	Activity	Page
	Tanks	2.1 - 2.19
	Containers	3.1 - 3.12
	Surface Impoundments	4.1 - 4.8
	Waste Piles	5.1 - 5.15
X	Surface And Near Surface Soils	6.1 - 6.16
	Groundwater	7.1 - 7.40
	Surface Water	8.1 - 8.10
	Sediment	10.1 - 10.16
	Leachates	11.1 - 11.7
	Lead-Based Paint Chips	12.1 - 12.8

Asbestos	13.1 - 13.3
Wipes For PCB's	14.1 - 14.10
Geoprobe	15.1 - 15.16
Others:	

IV. SAMPLING

***A. PROCEDURES* (briefly describe the procedures the inspection team will employ in their collection of environmental samples). – see investigative area map for approximate areas**

All samples will be collected in accordance with the Illinois Environmental Protection Agency's BOL, Sampling Procedures Guidance Manual. A field portable X-Ray Fluorescence (XRF) will be used to determine areas that have elevated metals concentrations. Laboratory samples will then be collected from those areas and submitted for laboratory analysis.

Railyard

Illinois EPA conducted XRF analysis at approximately 26 separate soil locations in the rail yard as a part of the Pre-CERCLIS investigation conducted in 2006. Soil from four of the XRF locations was placed in a jar and shipped to a laboratory for metals analysis.

Existing data will be supplemented with additional XRF laboratory analysis, especially on the eastern portions of the historical rail yard property. XRF samples will be gathered in-situ at the surface and from 0 – 12 inches in depth using a stainless steel trowel. Soil from select locations will be placed in a glass jar and shipped off-site for inorganic analysis. The coordinates for each sample location will be located using a Global Positioning System (GPS).

Residential Properties

Sampling events conducted by Illinois EPA and USEPA since 2006 have included inorganic soil concentrations for approximately ten residential properties (XRF data with two laboratory confirmation samples) in areas within approximately 500 feet of the rail yard.

Existing data will be supplemented with additional XRF laboratory analysis, with an attempt to focus on properties adjacent to the rail yard or rail line heading north toward Matthiesson and Hegeler. XRF samples will be gathered in-situ at the surface and from 0 – 12 inches in depth using a stainless steel trowel. A sampling layout will be created for each residential location whereby five aliquots will be selected from a congruent area (a backyard, front yard, or side yard). Illinois EPA will analyze each aliquot by XRF and then composit the five aliquots and run the anlysis again on the compositied soil and

recorded. The soil from the single aliotquot with the highest reading of either lead, zinc, or cadmium will be placed in a glass jar and shipped off-site for inorganic analysis. The coordinates for each aliquot and lab sample location will be identified using a Global Positioning System (GPS).

B. LOCATION OF SAMPLES **(identify the number of samples, their type and their location.)**

Sample	Type	Justification
X101 – X120	Soil	confirmation samples of XRF data from the rail yard as well as surrounding residential/commercial properties

C. ANALYTICAL SERVICES **(identify the laboratory that will perform the analysis of the samples taken at the site, include requested analysis)**

All samples collected during this Site Inspection will be analyzed through USEPA's Contract Laboroatory Program. All soil samples will receive a complete scan of Inorganic Target Compound List substances.

V. ATTACHMENT

A. RECORDS AND DOCUMENTATION (Check the records or documents that will be generated during this project)

X Work Plan

X Safety Plan

X Sampling Plan

X Equipment Checklist

X Log Book

X Chain of Custody Records

X Sample Analysis Records

X Photographs

Drilling Logs

X Correspondence

Personal Interview Tapes or Transcripts

X Maps

Instrument Calibration Records

Procurement Documents

X Projected HRS Score (Pre-Score)

Other (specify)

Summary Table of Sampling and Analysis Program
LaSalle Rail Yard

SAMPLE MATRIX **	FIELD PARAMETERS	LABORATORY PARAMETERS	Sample Number	Field Duplicate	Field Blanks	MS/MSD[2,3]	Matrix Total [4]
Soil/Sediment	X-Ray Fluorescence screening	CLP TCL Metals/CN	23	2		2	25

1. The field quality control samples also include trip blank, which is required for VOA water samples. One trip blank, which consists of two 40-ml glass vials (preserved) for water samples is shipped in each cooler of VOA samples.
2. Additional sample volume for the matrix spike/matrix spike duplicate (MS/MSD) is required for organic analysis, except for the OLC SOW. Samples designated for MS/MSD analysis will be collected, with extra sample volumes, at a frequency of one per group of 20 or fewer investigative samples. Triple the normal sample volumes will be collected for VOAs, and double the normal sample volumes will be collected for SVOCs and pesticides and PCBs.
3. For inorganic analysis, no extra sample volume is required for the spike and duplicate analyses, however, samples for the spike and duplicate analysis should be identified on the field COC at a rate of one per group of 20 or fewer investigative samples.
**IDENTIFY HERE IF SAMPLES ARE COLLECTED USING ANY OF THE 5035 METHODS, i.e., IN METHANOL, OR IN ENCORE TUBES

4. The number of samples to be collected for MS/MSD are not included in the matrix total. The number of trip blank samples is also excluded from the matrix total.

SITE SAFETY PLAN
for
SMALL-SCALE, SHORT-DURATION HAZARDOUS WASTE OPERATIONS

I. SITE OVERVIEW

Site Name
LaSalle Rail Yard

Location
LaSalle, IL 61301

Tasks to be accomplished:

Task A
Conduct X-Ray Fluorescence analysis on residential and commercial soils

Task B
Collect residential and commercial soil samples from 0 – 12 inches below ground surface using hand tools

Task C

Task D

Start Date/Time:	April 20, 2009 / 9 A.M.	Complete Date/Time:	April 22, 2009 / 1 P.M.

Site Description/History
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Topography

The rail yard is generally vegetated and its exposed surface consists of mostly slag, cinders, and coal. There is a slight slope of the rail yard toward the south that would facilitate the flow of surface water run-off toward the I & M Canal. The rail yard is elevated approximately 30 feet above the canal. (Illinois EPA, Pre-CERCLIS)

Surrounding Population
Approximately 6,597 people live within 1 mile radius of the site.

II. PERSONNEL

	Duty/Name
1	Project Manager / Jerry Willman
2	Site Safety Officer / Tony Wasilewski
3	Chain of Custody / Mark Wagner
4	Sampler / Jim Salch

Chemical hazards anticipated:

Chemical Name	PEL	IDLH	IP	Relative Response	LEL	Exposure Route	Symptoms
Cadmium	0.005 mg/m^3	9.0 mg/m^3	NA	NA	NA	Inhalation, Ingestion	Pulmonary edema, breathing difficulty, cough, tight chest, headache, chills, nausea, vomiting, diarrhea
Lead	0.5 mg/m^3 OSHA	100 mg/m^3	NA	NA	NA	Ingestion, Inhalation, Dermal	Weakness, insomnia, facial pallor, anorexia,
Zinc Oxide	15 mg/m^3 OSHA	500 mg/m^3	NA	NA	NA	Inhalation, Dermal	Irritate eyes, nose, upper resp. system

Physical hazards anticipated:

Hazard	Underground Utilities.
Hazard Control	Set up JULIE meet with local utilities to locate underground utilities. Proceed with caution during hand digging activities.

Hazard	Ingestion of onsite contamination.
Hazard Control	No smoking, or eating within the exclusion zone, wash hands prior to meals, wear appropriate PPE.

Hazard	Chemical Exposure
Hazard Control	Wear appropriate PPE, keep dust generation to a minimum

IV. SITE CONTROL

Description of Exclusion Zone and Boundaries
The exclusion zone will consist of the area within 25 feet of the Geoprobe® boring location. Unauthorized personnel will not be allowed within this area. The site safety officer can modify the exclusion zone if site conditions warrant.

Description of Contamination Reduction Zone Boundaries
The contamination reduction zone will be located outside of the exclusion zone and will serve as the support zone as well. If gross contamination is observed, the site safety officer will designate a separate contamination reduction zone and a separate support zone.

Description of Support Zone and Boundaries
The support zone and contamination reduction zone will be located outside the exclusion zone. If gross contamination is observed at the site, the contamination reduction zone will be consist of an 50 foot area up wind from the exclusion zone. The support zone will consist of the area beyond the contamination reduction zone.

Hand signals
1. Hands gripping throat ----------Out of air, can't breathe 2. Grip partner's wrist or both hands around waist ----------Leave area immediately 3. Hands on top of head ----------Need assistance 4. Thumbs up ----------OK, I am all right, I understand 5. Thumbs down ---------- No, negative

Standard Operating Procedures:

A. Sampling procedures: Conduct sampling in accordance with the IEPA BOL Sampling Procedures Guidance Manual.

B. Excavations: if excavations will be made, comply with the Underground Utility Facilities Damage Prevention Act by contacting JULIE at least two working days in advance at 800-892-0123. The Act

defines an excavation as "...any operation in which earth, rock, or other material in or on the ground is moved, removed, or otherwise displaced by means of any tools..."

C. Permit-required Confined Spaces: A permit-required confined space is an area that has limited means for entry and exit, was not designed for continuous employee occupancy, and has the potential to contain a serious health or safety hazard (usually a hazardous atmosphere). Examples include manholes, tanks, vaults, excavations. IEPA personnel are not authorized to enter permit-required confined spaces.

D. Heat Stress: At temperatures above 80 degrees F., especially when PPE is used, heat stress is often the greatest site hazard. Provide appropriate cooling equipment, cooled drinking fluids, and frequent breaks. Provide at least ten gallons of water at the site for drenching. Prevent and treat heat stress in accordance with your first aid training.

E. Material Safety Data Sheets: Obtain MSDS for known chemical hazards and attach for review by all site personnel.

F. All personnel arriving or departing the site should log in and out with the Record-keeper. All activities on site must be cleared through the Project Team Leader. There will be a minimum of two people assigned to each task (buddy system).

G. Normal and Emergency Communications: A cell phone is mandatory.

H. If adverse weather is possible, monitor a local radio broadcast station or other service to stay abreast of the weather.

I. All operations and equipment will comply with OSHA Regulations 29 CFR 1910.120 and other applicable elements of OSHA 29 CFR 1910 and 1926. Before site operations begin all employees involved in these operations will have read and understood this site safety plan.

J. Training and medical monitoring: All routine site personnel are required 40-hour HAZWOPER training and medical monitoring. Employees with 24-hour training may perform specific tasks, provided that it is ensured that they will not be exposed to health hazards above permissible exposure limits. Visitors or support personnel who remain in the support zone are not required health and safety training.

K. Opening drums and containers: due to the possibility of internal pressurization, either shielding or a remote drum opener shall be used.

L. Other:

V. PERSONAL PROTECTIVE EQUIPMENT

Based on evaluation of potential hazards, the following levels of personal protective equipment have been designated for the applicable work areas or tasks. No changes to the specified levels of protection shall be made without the approval of the site safety officer and the project team leader.

Work Area/Zone	Job Function/Task	Level of Protection: B C D Other
Residential and Commercial Properties	XRF Analysis / Soil Sampling	Modified D

Modified Level D includes: safety glasses, steel toed boots, latex gloves.

The following specific PPE items have been selected:

x	**Latex gloves**		**Nitrile gloves**		**Neoprene gloves**
x	**Butyl gloves**		**Silver Shield gloves**		**Hazmax Chemical boots**
x	**Latex outer boots**	x	**Tyvek coveralls**		**Saranex coveralls**
x	**APR Respirator**		**SCBA**	x	**Hardhat**
x	**APR Cartridge: Organic/Dust**	x	**Safety Glasses**	x	**Steel Toed Boots**
	Ear Protection		**Cotton Coveralls**		**Other:**
	Other:		**Other:**		**Other:**

VI. AIR MONITORING

The following air monitoring instruments shall be used on-site at the specified intervals.

	Instrument type	Frequency
	PID Detector	Industrial properties where past use or current conditions indicate (by visual or olfactory observations) that soils from 0 – 12 inches below ground surface may present inhalation hazards

Action level responses
Unknown gas/vapor PID/FID reading above background to 5 ppm: use level C protection
Unknown gas/vapor PID/FID reading 5 to 500 ppm: use level B protection
Unknown gas/vapor PID/FID reading above 500 ppm: evacuate/control the hazard
Known gas/vapor PID/FID reading greater than half the PEL: use level C protection
Known gas/vapor PID/FID reading IDLH: use SCBA/control the hazard
Oxygen below 19.5%: use SCBA/control the hazard
Combustible gas indicator: at or above 10% LEL: evacuate.
Other:

VII. DECONTAMINATION PROCEDURES

Wear disposable coveralls, disposable outer boots, and disposable outer gloves. Avoid walking on, kneeling on, or sitting on contaminated surfaces. Avoid contaminating any non-disposable clothing or equipment. Use private contractor's decontamination facilities if established. Decontamination stations shall be set up before personnel enter the exclusion zone. Personnel and equipment leaving the exclusion zone shall be thoroughly decontaminated. Any PPE utilized will be removed, bagged, and left on site in bags or drums. Decon equipment includes garbage bags, Wet Ones, paper towels, Visqueen, Alconox, wash tubs, water, pressure water sprayer.

The following example of personal decontamination is based on the exclusive use of disposable boot covers, gloves, and coveralls.
Steps:

1. Segregated equipment drop
2. Remove outer booties and outer gloves
3. Remove coveralls
4. Remove first pair of inner gloves
5. Remove hard hat
6. Remove respirator
7. Remove second pair of inner gloves
8. Replace hard hat and put on eye protection until leaving the site
9. Wash hands

When possible use disposable sampling equipment and leave at the site. Reusable, non-disposable equipment (stainless steel spoons, split spoons, measuring tape, etc) will be decontaminated before removal from the site. The minimum decontamination procedure for all equipment is as follows:

1. Water rinse
2. Soap wash (Alconox)
3. Water rinse
4. Air dry
5. Seal with aluminum foil

VIII. EMERGENCY PROCEDURES

The Site Safety Officer shall be notified of any onsite emergencies and be responsible for ensuring that the appropriate procedures are followed.

Written Directions to the Selected Hospital (Map Attached)
1. Leave the site by heading west on **1st Street**. Travel 0.5 miles (6 blocks) on 1st Street until the intersection with **Joliet Street** (also State Route 351).
2. Turn right (north) onto **Joliet Street**. Go 0.2 miles (2 blocks) to intersection with **3rd Street** .
3. Turn left (west) on **3rd Street** (State Route 6). Go 1.6 miles on State Route 6 as it angles southeast and turns into 4th Street. Stay on 4th Street until the intersection with **West Street**.
4. Turn right (north) on **West Street**. Travel 1 block until Illinois Valley Community Hospital, 925 West Street. Phone (815) 223-3300.

Personnel Injury in the Exclusion Zone: Upon notification of an injury in the Exclusion Zone, all site personnel shall assemble at the decontamination line. The rescue team will enter the Exclusion Zone (if required) to remove the injured person to the hotline. The Site Safety Officer and Project Team Leader should evaluate the nature of the injury, and the affected person should be decontaminated to the extent possible prior to movement to the Support Zone. Appropriate first aid shall be initiated, and contact should be made for an ambulance and with the designated medical facility (if required). No persons shall reenter the Exclusion Zone until the cause of the injury or symptoms is determined.

Personnel Injury in the Support Zone: Upon notification of an injury in the Support Zone, the Project Team Leader and Site Safety Officer will assess the nature of the injury. If the cause of the injury does not affect the performance of site personnel, operations may continue, with the on-site first aid initiated and necessary follow-up as stated above. If the injury increases the risk to others, all site personnel shall move to the decontamination line for further instructions. Activities on site will stop until the added risk is removed or minimized.

Fire/Explosion: Upon notification of a fire or explosion on site, all site personnel shall be assembled at the decontamination line. The fire department shall be alerted and all personnel moved to a safe distance from the involved area.

Personal Protective Equipment Failure: If any site worker experiences a failure or malfunction of protective equipment that affects the protection factor, that person and his/her buddy shall immediately leave the Exclusion Zone. Reentry shall not be permitted until the equipment has been repaired or replaced.

Other Equipment Failure: If any other equipment on site fails to operate properly, the Project Team Leader and Site Safety Officer shall be notified and then determine the effect of this failure on continuing operations on site. If the failure affects the safety of personnel or prevents completion of the Work Plan tasks, all personnel shall leave the Exclusion Zone until the situation is evaluated and appropriate actions taken.

In all situations, when an on-site emergency results in evacuation of the Exclusion Zone, personnel shall not re-enter until:

1. The conditions resulting in the emergency have been corrected.
2. The hazards have been reassessed.
3. The Site Safety Plan has been reviewed
4. Site personnel have been briefed on any changes in the Site Safety Plan.

First-aid equipment available on-site: First-aid kit, emergency eye wash.

List of emergency phone numbers	
Police: 911	**Non emergency: LaSalle Police Department: (815) 223-2131**
Fire: 911	**Non emergency: LaSalle Fire Department: (815) 223-0834**
Ambulance: 911	**Non emergency: Peru Ambulance Central Dispatch (815) 223-4444**
Hospital: 911	**Non emergency: Illinois Valley Community Hospital (815) 223-3300**

IX. CERTIFICATION

Personnel signing below certify that they understand the site work plan, understand this site safety plan, and have completed the required training and medical monitoring.

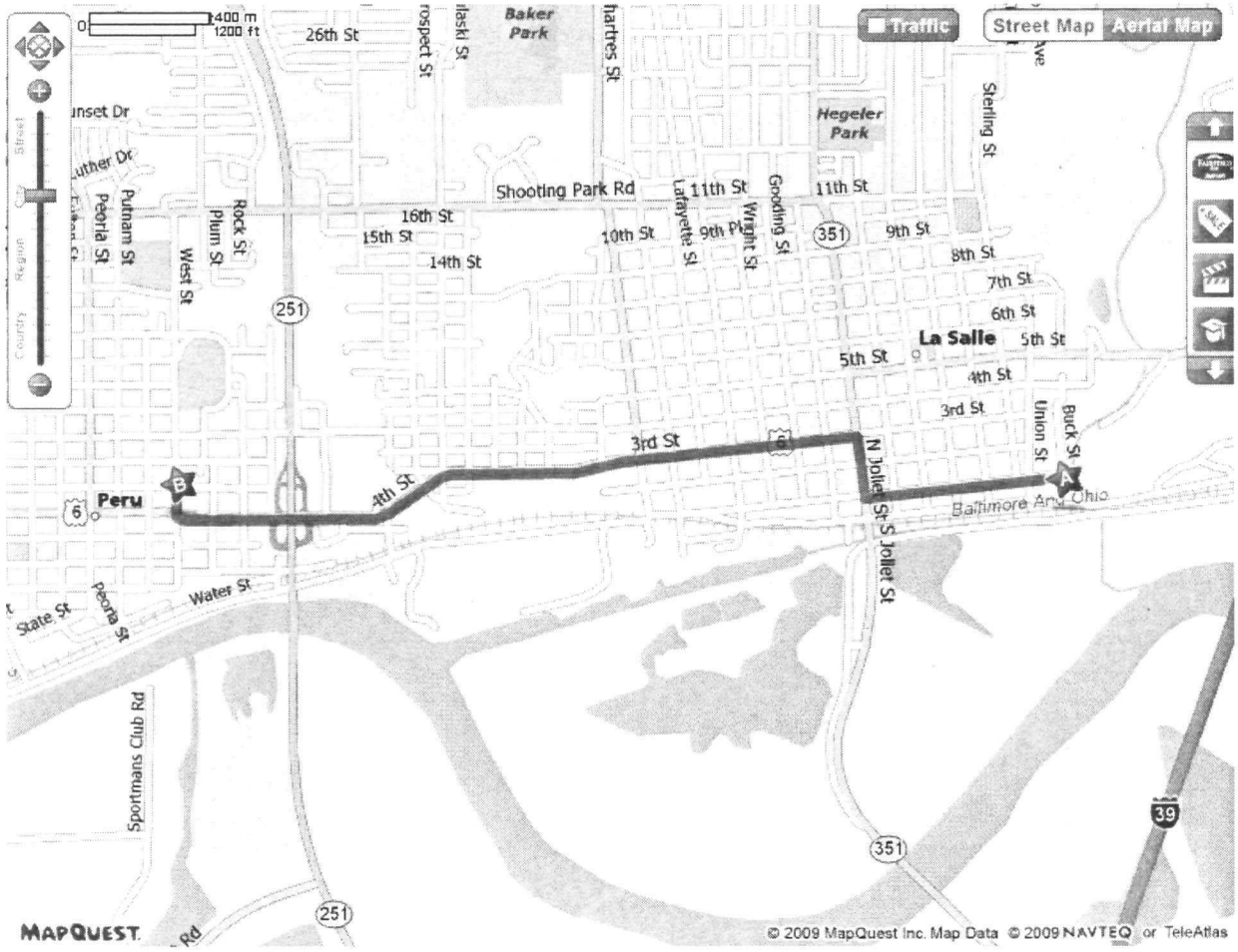
Required: 40-HourTraining:		24-Hour:		None:		Medical monitoring required (yes/no):	
Completed: 40-Hour:		24-Hour:		None:		Medical monitoring completed (yes/no):	
Duty/Name/Signature: Site Safety Officer /							

Required: 40-HourTraining:		24-Hour:		None:		Medical monitoring required (yes/no):	
Completed: 40-Hour:		24-Hour:		None:		Medical monitoring completed (yes/no):	
Duty/Name/Signature: Chain of Custody /							

Required: 40-HourTraining:		24-Hour:		None:		Medical monitoring required (yes/no):	
Completed: 40-Hour:		24-Hour:		None:		Medical monitoring completed (yes/no):	
Duty/Name/Signature: Sampler /							

Required: 40-HourTraining:		24-Hour:		None:		Medical monitoring required (yes/no):	
Completed: 40-Hour:		24-Hour:		None:		Medical monitoring completed (yes/no):	
Duty/Name/Signature: Sampler /							

Directions and Map to Hospital



▼ Directions from A to B:

START	1: Start out going WEST on 1ST ST toward UNION ST.	0.5 mi	Map
	2: Turn RIGHT onto N JOLIET ST/IL-351.	0.2 mi	Map | Avoid
	3: Turn LEFT onto 3RD ST/US-6. Continue to follow US-6.	1.6 mi	Map | Avoid
	4: Turn RIGHT onto WEST ST.	0.1 mi	Map | Avoid
END	5: End at 925 West St Peru, IL 61354-2757		Map

Estimated Time: 8 minutes Estimated Distance: 2.35 miles

B 925 West St
Peru, IL 61354-2757

Local Information »
See local events,

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